Specify and Use **ALL THREE***

SISALKRAFT PRODUCTS

FOR *Lifelong* QUALITY PROTECTION and COMFORT IN ALL TYPES OF MODERN CONSTRUCTION

*1: SISALKRAFT *The Better BUILDING PAPER*

SISALKRAFT is well known throughout the building industry as a highly efficient building paper. While its price is a little more than that of other building papers, the cost of applying SISALKRAFT is much less, because its great strength permits unbroken application without the use of batten strips or shower-nailing.

SISALKRAFT is tough, reinforced, waterproof, windproof, dustproof. The reinforcement consists of two layers of cross-laid sisal fibres that are tough, non-elastic, so closely spaced that there is over a half mile of fibres to the square yard. On both sides of the fibres, a layer of asphalt has been applied, to completely embed the fibres and to bond them to the top and bottom layers of tough kraft paper. The kraft is specially treated to insure clean, non-staining surfaces, which prevent the asphalt from oxidizing, and provide resistance to scuffing, dry-rot, mildew, and shrinkage.

SISALKRAFT provides an effective barrier to infiltration of cold air, wind, dirt, and rain. FHA-approved as a moisture barrier.

See pages 3 and 4 for uses and specifications.

*2: SISALATION *Low-Cost REFLECTIVE INSULATION & MOISTURE-VAPOR BARRIER*

SISALATION is basically SISALKRAFT coated on each side with pure aluminum, inseparably bonded to the SISALKRAFT . . . thus producing a hard-surfaced, continuous aluminum film, with no voids, ruptures, or openings. SISALATION is highly reflective, moisture resistant, windproof, dustproof, non-absorbent, durable, tough . . . resulting in an efficient, low-cost reflective insulation and moisture-vapor barrier.

SISALATION provides all the insulation necessary for the sidewalls of any home, expensive or inexpensive. SISALATION does this by reflecting radiant heat and by creating two dead-air spaces between the exterior and interior walls. SISALATION provides this insulation at a saving in cost of 50% (or more, in many cases), as compared with cost of other types of insulation. Since 36" SISALATION covers TWO stud spaces at the same time, installation is quick and easy. Meets FHA vapor-barrier requirements, Class A, Fed. Spec. UU-P-147.

See next page for uses and specifications.

*3: COPPER-ARMORED SISALKRAFT

consists of a sheet of pure Anaconda copper electro-deposited in a continuous, unbroken layer, reinforced with tough, cross-laid sisal fibres, and bonded with two layers of special asphalt to heavy creped kraft paper. It provides protective quality similar to that of much heavier sheet copper, plus the great strength and pliability of SISALKRAFT. COPPER-ARMORED SISALKRAFT will not kink, crack, or tear. Its cost is about 75% less than that of heavy-gauge sheet copper. It has much greater flexibility than sheet copper. Any workman can apply it.

See page 4 for uses.

FURNISHED IN PRACTICAL WIDTHS FOR ALL REQUIREMENTS

SISALKRAFT:

Furnished in rolls:

36" wide containing 225 and 500 sq. ft.
48" wide containing 666 sq. ft.
60" wide containing 1000 and 1500 sq. ft.
72" wide containing 1000 and 1800 sq. ft.
84" wide containing 1000 and 2100 sq. ft.
96" wide containing 1200 and 2400 sq. ft.

SISALKRAFT "BLANKETS"

Widths varying from 8'6" to 26'6". Lengths, up to 60' (Write for detailed sizes).

SEE STANDARD SPECIFICATIONS

SISALATION:

Furnished in rolls:

36" wide, containing 500 sq. ft.
48" wide, containing 666 sq. ft.

COPPER-ARMORED SISALKRAFT

Furnished in rolls, 120 feet long:

*Weights**	*Widths*
1 oz.	6", 10", 12", 15" 20", 30", 60"
2 oz.	4", 10", 12", 15" 20", 30", 60"
3 oz.	10", 12", 15" 20", 30", 60"

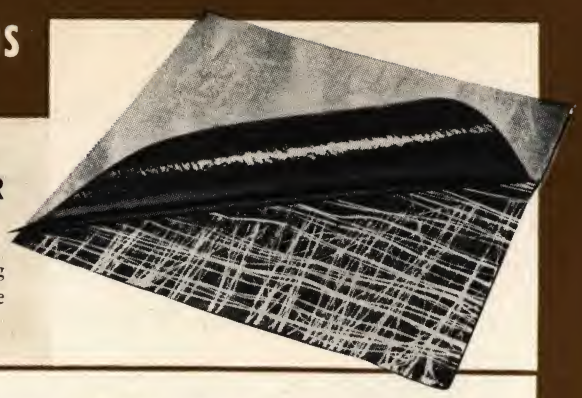
*(Weight of electro-deposit Anaconda Copper per square foot).

Permanent DRY WALL Construction with SISALKRAFT and SISALATION

This modern adaptation of SISALATION and SISALKRAFT assures permanent DRY WALL construction, plus INSULATION, at minimum material and labor costs. The SISALKRAFT stops passage of harmful wind-driven rains into walls, by "weather-sealing" from the outside, and the interior SISALATION prevents harmful moisture-vapor from passing through sidewalls, by "vapor-sealing" from the inside. In addition, adequate reflective insulation is provided to help keep the interior warmer in winter, cooler in summer.

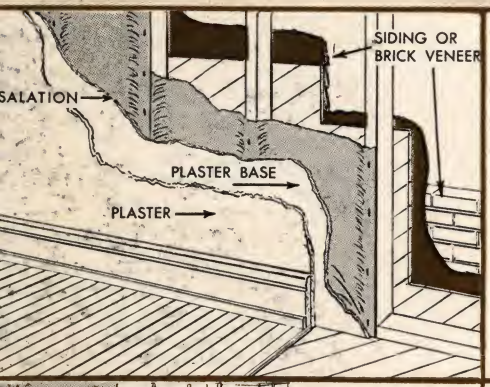
VAPOR SEALED FROM THE Inside
SISALATION provides BOTH insulation and vapor - barrier . . . helps prevent passage of harmful moisture-vapor through sidewalls from inside the house.
SISALATION
REFLECTIVE INSULATION
SHEATHING
SISALKRAFT
SIDING OR BRICK VENEER
WEATHER SEALED FROM THE Outside
Rugged, waterproof SISALKRAFT over exterior sheathing prevents passage of wind-driven rain into walls from the outside.

SISALATION STANDARD SPECIFICATIONS



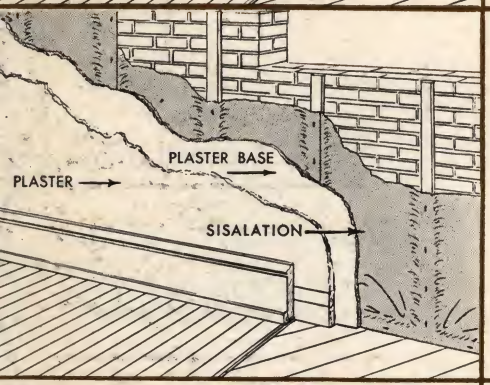
Low-Cost REFLECTIVE INSULATION plus MOISTURE-VAPOR BARRIER For New and Existing Homes and Other Structures:

SISALATION is a high quality, reflective insulation, created by applying a special coating of high-grade aluminum to time-tested SISALKRAFT. Millions of square feet of reflective insulation are in service.



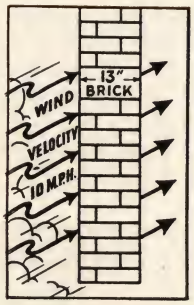
For SIDEWALL INSULATION and VAPOR BARRIER: *Frame or Brick Veneer:* 36-inch SISALATION shall be applied vertically over the inside face of the studs. (Since 36″ SISALATION more than reaches across two 16″ stud-spaces, it permits "bowing-in" between studs, thus creating two dead-air spaces.) The SISALATION sheets are to be lapped the full width of every other stud, and fastened to every stud with staples or flat-headed nails, spaced approximately 12″ apart. The excess material shall be bowed into each area between the studs, to provide maximum insulating efficiency. Extend the SISALATION over plate and sill.

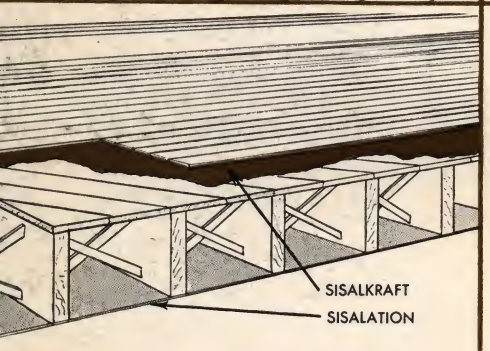
SISALATION *is equivalent in heat-saving values to about ¾-inch of flexible or rigid types of quality insulation . . . based on M.I.T. tests on sidewalls constructed with a single layer of reflective* SISALATION *applied in the stud area.*



For SIDEWALL INSULATION and VAPOR BARRIER: *Solid Brick, Concrete Block or Cinder Block:* 36-inch or 48-inch SISALATION shall be applied vertically over the inside face of the furring strips. Sheets shall be lapped on the furring strips and fastened to every strip with staples or flat-headed nails, spaced approximately 12″ apart. Extend the SISALATION over plate and sill.

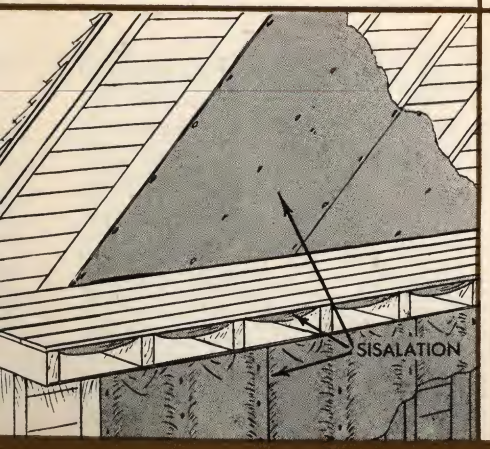
In addition, SISALATION provides a permanent barrier to air infiltration. See diagram at right (tests by A. S. of H. & V. E. show 13″ brick wall will pass 39 cu. ft. of air per hour, over a 10 sq. ft. area, with wind velocity of 10 m.p.h.).





For FLOOR INSULATION and VAPOR BARRIER: SISALATION shall be applied lengthwise along the under side of the floor joists. The sheets are to be lapped at least the full width of the joist, and fastened to each joist with staples or flat-headed nails, spaced approximately 12″ apart.

NOTE: In structural sketch at left, in addition to SISALATION in the position shown, SISALKRAFT is shown applied over the sub-flooring, as specified on next page in paragraph "For WOOD FLOORING".

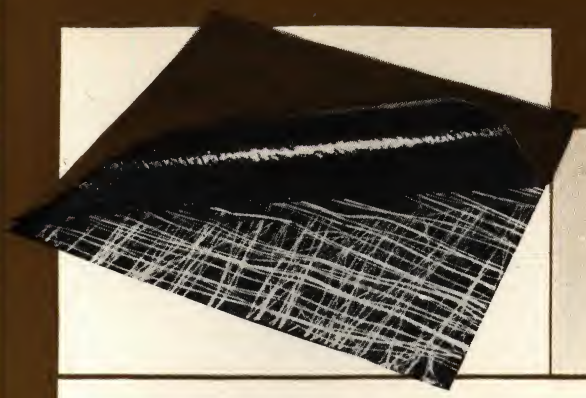


For CEILING INSULATION and VAPOR BARRIER: 48-inch SISALATION shall be applied lengthwise along the under side of the ceiling joists. The sheets are to be lapped at least the full width of the joist and attached with staples, or flat-headed nails, spaced approximately 12″ apart.

For ATTIC LINING—INSULATION and MOISTURE STOP: *For New Homes:* 48-inch SISALATION shall be applied vertically along the under side of the roof rafters. The sheets are to be applied smoothly, lapped at least the full width of the joist, and fastened to each rafter with staples or flat-headed nails, spaced approximately 12″ apart. Instead of storing up summer heat, SISALATION immediately reflects it, thus eliminating emission of stored up heat and keeping interiors cooler.

For *EXISTING HOMES:* 48-inch SISALATION for attic lining of existing homes shall be applied in the same manner as in new installations (not to be bowed in between rafters).

Write for AIA Files and Samples: Address: **The SISALKRAFT Co.,** CHICAGO 6; NEW YORK 17; SAN FRANCISCO 5.

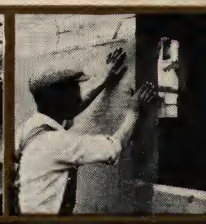


STANDARD SPECIFICATIONS SISALKRAFT

THE BETTER BUILDING PAPER FOR MANY PURPOSES

Tough, reinforced, waterproof, windproof, dustproof, SISALKRAFT assures lifelong service in protection, comfort, and safeguarding quality construction. Every home deserves SISALKRAFT protection . . . and every home, small or large, can AFFORD it!

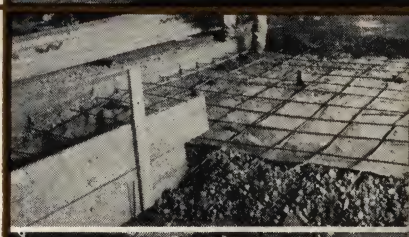
For OUTER WALLS: OVER SHEATHING and for FLASHING: All exterior wall sheathing, wood or other, shall be covered with one layer of SISALKRAFT*, applied horizontally, using large-headed galvanized nails on weather laps of not less than 4 inches. The paper shall be carried over the studs, sills, heads, and jambs of all openings and around all corner posts for a distance of not less than 9 inches each way. Shower-nailing may be eliminated and battens need not be employed. There shall be no more paper applied in a day than will be covered that same day.



As a VAPOR-BARRIER *(FHA-approved)*: On interior walls, SISALKRAFT* may be used as a vapor-barrier and shall be applied vertically, directly over the studs, lapping on alternate stud faces. (When SISALKRAFT is thus used, plastering may be omitted under wood wainscots, paneling or vertical boarding of interior walls, if the economy permitted by such construction is desired by the owner).

For WOOD FLOORING: Moisture Barrier to help prevent warping, cupping or creaking. Over all sub-floors apply one layer of SISALKRAFT* reinforced waterproof building paper, applied to run at right angles to the direction of the finished flooring, and carried up in back of the base course for the full width of it, to provide a moisture-stop and cold-air stop. All laps shall be not less than 4 inches. Backpainting of the base is not required, since the SISALKRAFT back of it protects the base.

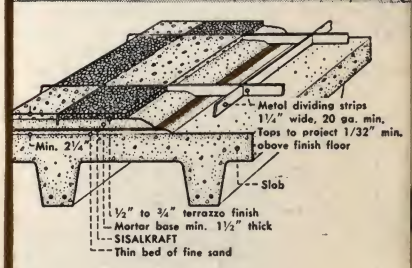
OVER SUBFILL (Under concrete floor slab): To prevent displacement of the subfill by workmen during the concrete pouring operation, and to prevent the entrance of cement into the voids of the subfill, cover the subfill completely with SISALKRAFT* laid in the widest practicable widths, lapped at least 9 inches. (This helps to retain the ingredients of the concrete mix in proper proportions; assures better results; saves much of the cost of the SISALKRAFT by preventing excessive loss of cement that ordinarily runs into voids in the subfill).



UNDER PANEL-RADIANT HEATING FLOORS: For modern basementless homes where panel-radiant heating is used, SISALKRAFT should be laid over the leveled ground before the reinforcement rods and heating tubes are placed in position and the concrete slabs are poured. Helps to avoid waste of concrete and helps repel moisture-seepage through floor. If SISALKRAFT isn't used, wet concrete flows into crevices and holes of the subfill, and forms long "fingers" that later draw moisture into the floor slab.

For TERRAZZO FLOORS — BOND-BREAKER ON SAND CUSHION: To minimize possibility of construction cracks, cover the hardened base slab with a thin layer of sand (about ¼" thick). Over this layer of sand, place a layer of SISALKRAFT* lapped 6 inches at joints. Because of its great strength, SISALKRAFT is not broken or torn by workmen walking over it, and none of the wet mortar mixture gets into the sand.

CURING TERRAZZO WORK: At least six days of curing is advisable before grinding. During this curing period, cover the terrazzo surface with SISALKRAFT*, lapped at least 4", and all laps sealed.



PROTECTION OF FLOORING: Over the surface of any finished floor, (wood, tile or cement), place a layer of SISALKRAFT*, with laps sealed, to keep floors in good condition until building is ready for occupancy.

*SISALKRAFT meets these required specifications in every detail:

BUILDING PAPER shall consist of two sheets of a 30 lb. No. 1 quality kraft, treated to resist the fungus of dry rot, cemented together with asphalt, and shall be reinforced with fibres completely embedded in the asphalt — not less than 12 reinforcements per square inch in both directions — otherwise as per Federal Specification UU-P-536, Grade A.

Trained SISALKRAFT representatives available — 20,000 Lumber Dealers stock SISALKRAFT Products

SISALKRAFT STANDARD SPECIFICATIONS (continued from preceding page)

TEST RESULTS: Photos show (left) concrete slab cured by the SISALKRAFT Method, so hard and free from surface-dusting that it successfully resisted severe sand-blasting: whereas (right) concrete slab made from same mix, but allowed to dry without SISALKRAFT protection, shows much surface damage after similar sand-blasting.

FOR CURING CONCRETE FLOORS, DRIVEWAYS, SIDEWALKS: For Curing and Protection: As soon after finishing as may be done without damage, cover the concrete surface with one layer of SISALKRAFT, laid in the widest possible widths, with laps at least 4 inches wide, continuously sealed with tape or glue, as recommended by the manufacturer (factory-fabricated SISALKRAFT "blankets" are available in widths from 8'6" to 26'6" by 60' long, or in special sizes as required).

"THE SISALKRAFT METHOD" OF CONCRETE CURING

The SISALKRAFT Method of Concrete Curing does two jobs well, at the cost of one: 1. It cures concrete better (see sand-blast evidence at left). 2. It protects the concrete from frost, debris, and construction stains.

Automatic, natural curing is assured because SISALKRAFT seals-in the water of the concrete-mix and permits proper chemical combination with cement and other ingredients of the mix.

SISALKRAFT is economical; can be re-rolled and used many times over for concrete curing.

The SISALKRAFT Method of Concrete Curing is highly recommended for curing of floors on single-story and multi-story jobs, roads, driveways, basement floors, sidewalks and stairs. A uniform cure, plus protection during the process, is of utmost importance. Whenever the problem of concrete curing arises, remember SISALKRAFT.

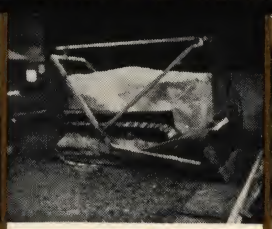
SISALKRAFT FOR PROTECTION OF MATERIALS AND EQUIPMENT FROM RAIN AND OTHER BAD WEATHER CONDITIONS

Protecting Cement

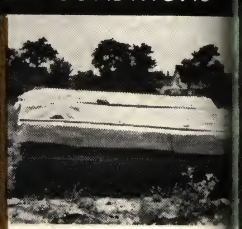
Protecting Steel

Protecting Stock

Temporary Shelters

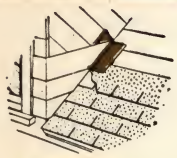


Protecting Machinery

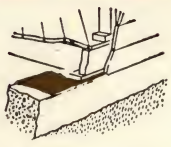


Protecting Stock Piles

COPPER-ARMORED SISALKRAFT

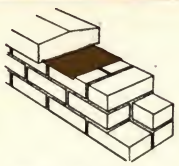


Roof Flashing



Dampcoursing

Spandrel Beam Waterproofing



Parapet Flashing

Shower Stall Waterproofing

COPPER-ARMORED SISALKRAFT: For Flashing Door and Window and other Openings • Drip Cap Flashing • Corner Flashing • Flashing Roof and Sidewall Junctures • Mitered Roof Flashing • Ridge Roll Flashing • Foundation Dampcoursing • Termite Barriers • Apron Dampcoursing • Membrane Waterproofing • Flashing Parapet Walls • Spandrel Waterproofing • Waterproofing Shower Stalls, Built-up roofs, etc.

Copper-Armored Sisalkraft provides the protective advantages of pure copper at a saving of about 75% of the cost of copper sheets. The SISALKRAFT base reinforces the electro-deposited thin sheet of pure copper (free from pinholes or other openings or breaks). This tough SISALKRAFT reinforcement gives the copper sheet the necessary strength to assure rapid, undamaged application. Its flexibility eliminates danger of kinking or cracking. Available in sizes as listed on Page 1 of this bulletin.

Copper Armored SISALKRAFT also successfully used for electrostatic shielding.

WRITE FOR COMPLETE DETAILED SPECIFICATIONS AND SAMPLES

SISALKRAFT PRODUCTS are stocked by 20,000 Lumber Dealers throughout the U. S. A.

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